SEQUENCE LISTING

5	(1) GENERAL INFORMATION:	
10	(i) APPLICANT: (A) NAME: CANCER RESEARCH CAMPAIGN TECHNOLOGY LIMITED (B) STREET: CAMBRIDGE HOUSE, 6-10 CAMBRIDGE TERRACE, REGENT'S PARK, (C) CITY: LONDON (E) COUNTRY: UNITED KINGDOM (F) POSTAL CODE (ZIP): NW1 4JL	
15	(ii) TITLE OF INVENTION: IONIZING RADIATION OR DIATHERMY-SWITCHED GENE THERAPY VECTORS AND THEIR USE IN ANTITUMOUR THERAPY	
20	<pre>(iii) NUMBER OF SEQUENCES: 12 (iv) COMPUTER READABLE FORM:</pre>	
25	(C) OPERATING SYSTEM: PC-DOS/MS-DOS (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)	
30	(2) INFORMATION FOR SEQ ID NO: 1:	
35	(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 10 base pairs(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:	
40	CCTTATTTGG	10
45	(2) INFORMATION FOR SEQ ID NO: 2:	
50	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 69 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:	
55	GATCTCCTTA TTTGGCCTTA TTTGGCCTTA TTTGGCCTTA TTTGGCCTTA	60
	TTGGCCAT	69

	(2) INFORMATION FOR SEQ ID NO: 3:	
5	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 64 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
10	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:	
10	CGCCCAAATA AGGCCAAATA AGGCCAAATA AGGCCAAATA AGGCCAAATA	60
	AGGA	64
15		
	(2) INFORMATION FOR SEQ ID NO: 4:	
20	(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 48 base pairs(E) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
25	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:	
	GATCTTTATT TGGCCTTATT TGGCCTTATT TGGGCGAT	48
30		
	(2) INFORMATION FOR SEQ ID NO: 5:	
35	(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 44 base pairs(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
40	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:	
	CGCCCAAATA AGGCCAAATA AGGCCAAATA AGGA	44
45		
T J	(2) INFORMATION FOR SEC ID NO. 6.	
	(2) INFORMATION FOR SEQ ID NO: 6: (i) SEQUENCE CHARACTERISTICS:	
50	(A) LENGTH: 36 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:	
	TCCAGATCTC CCGGTTCGCT CTCACGGTCC CTGAGG	36



40

(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 32 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7: CGGCCGCCGC CTGGATCTCT CGCGACTCCC CG (2) INFORMATION FOR SEQ ID NO: 8: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: ACTGCGATCG CGGGCCCGGC CCGGCCCGCA TCCCAGGCCC CC (2) INFORMATION FOR SEQ ID NO: 9: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9: CCATCGATAT GGCTTCGTAC CCCGGC (2) INFORMATION FOR SEQ ID NO: 10: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (A) LENGTH: 40 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (C) STRANDEDNESS: single (C) TOPOLOGY: linear	(2) INFORMATION FOR SEQ ID NO: 7:	
CGGCGCGCCG CTGGATCTCT CGCGACTCCC CG (2) INFORMATION FOR SEQ ID NO: 8: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: ACTGCGATCG CGGGCCCGGC CCGGCCCGCA TCCCAGGCCC CC (2) INFORMATION FOR SEQ ID NO: 9: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9: CCATCGATAT GGCTTCGTAC CCCGGC (2) INFORMATION FOR SEQ ID NO: 10: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (C) STRANDEDNESS: single	(A) LENGTH: 32 base pairs(B) TYPE: nucleic acid(C) STRANDEDNESS: single	
(2) INFORMATION FOR SEQ ID NO: 8: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: ACTGCGATCG CGGGCCCGGC CCGGCCCGCA TCCCAGGCCC CC (2) INFORMATION FOR SEQ ID NO: 9: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9: CCATCGATAT GGCTTCGTAC CCCGGC (2) INFORMATION FOR SEQ ID NO: 10: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:	
(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: ACTGCGATCG CGGGCCCGGC CCGGCCCGCA TCCCAGGCCC CC (2) INFORMATION FOR SEQ ID NO: 9: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9: CCATCGATAT GGCTTCGTAC CCCGGC (2) INFORMATION FOR SEQ ID NO: 10: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single	CGGCGCGCCG CTGGATCTCT CGCGACTCCC CG	32
(A) LENGTH: 42 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: ACTGCGATCG CGGGCCCGGC CCGGCCCGCA TCCCAGGCCC CC 42 (2) INFORMATION FOR SEQ ID NO: 9: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9: CCATCGATAT GGCTTCGTAC CCCGGC (2) INFORMATION FOR SEQ ID NO: 10: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single	(2) INFORMATION FOR SEQ ID NO: 8:	
ACTGCGATCG CGGGCCCGGC CCGGCCCGCA TCCCAGGCCC CC (2) INFORMATION FOR SEQ ID NO: 9: (i) SEQUENCE CHARACTERISTICS:	(A) LENGTH: 42 base pairs(B) TYPE: nucleic acid(C) STRANDEDNESS: single	
(2) INFORMATION FOR SEQ ID NO: 9: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9: CCATCGATAT GGCTTCGTAC CCCGGC 26 (2) INFORMATION FOR SEQ ID NO: 10: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:	
(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9: CCATCGATAT GGCTTCGTAC CCCGGC 26 (2) INFORMATION FOR SEQ ID NO: 10: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single	ACTGCGATCG CGGGCCCGGC CCGGCCCGCA TCCCAGGCCC CC	42
(C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9: CCATCGATAT GGCTTCGTAC CCCGGC 26 (2) INFORMATION FOR SEQ ID NO: 10: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 base pairs	
CCATCGATAT GGCTTCGTAC CCCGGC (2) INFORMATION FOR SEQ ID NO: 10: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single	(C) STRANDEDNESS: single	
(2) INFORMATION FOR SEQ ID NO: 10: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:	
(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single	CCATCGATAT GGCTTCGTAC CCCGGC	26
(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single		
(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single		
(A) LENGTH: 40 base pairs(B) TYPE: nucleic acid(C) STRANDEDNESS: single	(2) INFORMATION FOR SEQ ID NO: 10:	
(B) TYPE: nucleic acid (C) STRANDEDNESS: single	(i) SEQUENCE CHARACTERISTICS:	
	(B) TYPE: nucleic acid(C) STRANDEDNESS: single	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

AAGGAAAAA GCGGCCGCCT CCTTCCGTGT TTCAGTTAGC

	(2) INFORMATION FOR SEQ ID NO: 11:	
	(i) SEQUENCE CHARACTERISTICS:	
5	(A) LENGTH: 83 base pairs(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
10	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:	
	GATCTAGGGC CGGACGTGGG GCCCCGTAGG CACGCTGAGT GCGTGCGGGA	50
15	CTCGGAGTAC GTGACGGAGC CCCGCGATGC GAT	83
13		
20	(2) INFORMATION FOR SEQ ID NO: 12:	
	(i) SEQUENCE CHARACTERISTICS:	
25	(A) LENGTH: 77 base pairs(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
30	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:	
30	CGCATCGCGG GGCTCCGTCA CGTACTCCGA GTCCCGCACG CACTCAGCGT GCCTACGGGG	60
	CCCCACGTCC GGCCCTA	77